

Abstract

HURRICANE-EARTHQUAKE FRIEZE PLATE

An improved hurricane and earthquake connector for buildings that has a front face for ventilation, and wall tab on the lower part for attachment to the outside wall and underlying top plate. Fastened to either side of the front face are perpendicular rafter tabs for attachment to adjacent roof rafters. Below the rafter tabs are perpendicular plate tabs for attachment to the top plate. Above the rafter tabs are perpendicular sheathing tabs for attachment to roof ties with bolts. The bolts connect the roof tie from above the roof to adjacent connectors effectively tying down the roof sheathing to the rafters, top plate, and wall sheathing with a strong box shape preventing damage from strong winds and earth movements.

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